

**Second Annual  
Tropospheric Ozone Lidar Network (TOLNet)  
Working Group Meeting, June 16-18, 2015  
NOAA/ESRL/CSD  
325 Broadway, Boulder, CO 80305 USA  
Room 2A305 (CSD Seminar Room)  
<http://www.air.larc.nasa.gov/missions/TOLNet/>**

**Day 1: Tuesday June 16, 2015**

0840 Welcome: Dave Fahey  
0850 Introduction and logistics: Chris Senff  
0900 TOLNet overview & charge to the group: Mike Newchurch  
0920 NASA HQ perspective: Alex Pszenny  
0930 TEMPO update: Alex Pszenny/Mike Newchurch  
0950 AQ model overview: Matthew Johnson  
1015 Break  
1030 Invited talk 1: Understanding Background Ozone over the Continental US: A Global Ozone Assimilation Perspective - Brad Pierce (NOAA/NESDIS & CIMSS)  
1115 Invited talk 2: Opportunities to Inform Air Quality Management - Terry Keating (EPA)  
  
1200 Lunch break  
  
1330 ESRL lidar tours: Raul Alvarez, Alan Brewer  
1430 Invited talk 3: TOAR: An Overview of the Tropospheric Ozone Assessment Report, and the Role of TOLNet - Owen Cooper (NOAA/ESRL)  
1515 Break  
1530 TOLNET station reports (not including detailed science results): All  
1630 New members: Gary Morris, Kevin Strawbridge  
1715 Adjourn

**Day 2: Wednesday June 17, 2015**

0830 Data archiving and website: Gao Chen  
0900 Retrieval validation, consistency, errors: Thierry Leblanc  
0945 TOLNet lidar intercomparisons: Mike Newchurch  
1015 Break  
1030 Invited talk 4: Estimating Baseline Contributions to Surface Ozone in California's Central Valley - David Parrish (NOAA/ESRL)

1115 Invited talk 5: Using Vertical Profile Measurements in the Evaluation and Improvement of Air Quality Models - Ravan Ahmadov (NOAA/ESRL)

1200 Lunch break

1300 Future of TOLNet

Hardware: common lidar architecture, new transmitters - Raul Alvarez

Future joint campaign opportunities - Chris Senff

How do we best reach the modeling community? - Matthew Johnson

How does TOLNet stay viable in the GeoCape/TEMPO era? – Mike Newchurch

1500 Break

1515 Future of TOLNet (continued)

Other topics, open discussion

1600 Adjourn

### **Day 3: Thursday June 18, 2015**

0830 TOLNet science results (30 min per station): JPL, ESRL, UAH

1000 Break

1015 TOLNet science results (continued): LaRC, GSFC

1115 Summary – TOLNet future direction: Mike Newchurch

1145 Words of wisdom: Jack Kaye

1200 Next Science Team meeting, other business

1230 Adjourn